

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

21. (canceled)
22. (currently amended) A process for producing a cloned macrophage activating factor (GcMAFc) comprising:
  - (a) cloning a Gc1 isoform into a baculovirus vector;
  - (b) expressing the cloned Gc1 isoform, thereby producing a cloned Gc1 protein,  
wherein the Gc1 protein comprises approximately 458 amino acids with a  
molecular weight of approximately 52,000 Da and 3 distinct domains;
  - (c) contacting the cloned Gc1 protein a molecular weight of approximately 52,000,  
approximately 458 amino acids and 3 distinct domains in vitro with immobilized  
beta galactosidase and sialidase, ; and
  - (d) obtaining the cloned macrophage activating factor (GcMAFc).
23. (canceled)